

Title (en)

Aqueous cross-linkable polymer composition for use in coatings

Title (de)

Wässrige vernetzbare Polymerzusammensetzung zur Verwendung in Beschichtungen

Title (fr)

Composition aqueuse réticulable utilisable dans des revêtements

Publication

**EP 0989163 A1 20000329 (EN)**

Application

**EP 99203113 A 19990923**

Priority

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- EP 98203220 A 19980925

Abstract (en)

The invention pertains to an aqueous cross-linkable polymer composition comprising: a) a first polymer, which comprises acid groups and is made water-soluble by the addition of a volatile base; b) a dispersion of a second polymer, which comprises carbonyl-functional groups and which is water-insoluble and obtainable by emulsion polymerization in the presence of an aqueous solution of the first polymer; c) a cross-linking agent which can react by condensation with the carbonyl-functional groups of the second polymer; and d) a third polymer, which is water-soluble and has an amine functionality. The invention also pertains to a process for preparing such an aqueous polymer composition.

IPC 1-7

**C08L 101/06**; C09D 201/06

IPC 8 full level

**C08L 101/06** (2006.01); **C09D 201/06** (2006.01)

CPC (source: EP)

**C08L 101/06** (2013.01); **C09D 201/06** (2013.01)

Citation (search report)

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- [A] DATABASE WPI Section Ch Week 9339, Derwent World Patents Index; Class A18, AN 93-309322, XP002092382

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